

Serial No. 10/695,499

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**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**In the claims:**

Claim 1 (Canceled)

Claim 2 (Currently Amended) An isolated nucleic acid molecule which encodes a protein comprising an amino acid sequence of SEQ ID NO:4 ~~selected from the group consisting of SEQ IDs 2, 4 and 6.~~

Claim 3 (Currently Amended) A nucleic acid molecule according to claim 2, comprising a nucleotide sequence of SEQ ID NO:3 ~~selected from the group consisting a SEQ IDs 1, 3, and 5.~~

Claim 4-7 (Canceled)

Claim 8 (Previously Presented) An isolated nucleic acid molecule having 50% or greater sequence identity to the nucleic acid molecule of claim 2.

Claim 9 (Canceled)

Claim 10 (Currently Amended) An isolated nucleic acid molecule comprising a fragment of 25 or more nucleotides of a nucleotide sequence of SEQ ID NO:3 ~~selected from the group consisting of SEQ IDs 1, 3, and 5.~~

Claim 11 (Previously Presented) An isolated nucleic acid molecule comprising a nucleotide sequence complementary to a nucleic acid molecule according to claim 8.

Claim 12 (Currently Amended) An isolated nucleic acid molecule comprising a nucleotide sequence having 50% or greater sequence identity to a nucleic acid molecule comprising a nucleotide sequence of SEQ ID NO:3 ~~selected from the group consisting of SEQ IDs 1, 3, and 5.~~

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**Claim 13 (Currently Amended)** An isolated nucleic acid molecule which can hybridise to a nucleic acid molecule according to claim 8 under high stringency conditions comprising a wash in 0.1xSSC, 0.5% SDS solution at 65°C.

**Claims 14-17 (Canceled)**

**Claim 18 (Currently Amended)** An isolated nucleic acid molecule that encodes a protein comprising an immunogenic fragment of at least 10 consecutive amino acids of an amino acid sequence of SEQ ID NO:4 selected from the group consisting of SEQ IDs 2, 4, and 6.

**Claim 19 (Previously Presented)** An isolated nucleic acid molecule having 80% or greater sequence identity to the nucleic acid molecule of claim 2.

**Claim 20 (Previously Presented)** An isolated nucleic acid molecule having 90% or greater sequence identity to the nucleic acid molecule of claim 2.

**Claim 21 (Previously Presented)** An isolated nucleic acid molecule having 95% or greater sequence identity to the nucleic acid molecule of claim 2.

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